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United States Department of Agriculture
Agricultural Research Administration
Bureau of Animal Industry

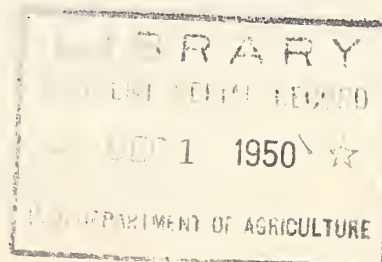
3
X PLANS FOR BROODER HOUSE WITH SHUTTERS²⁵ //

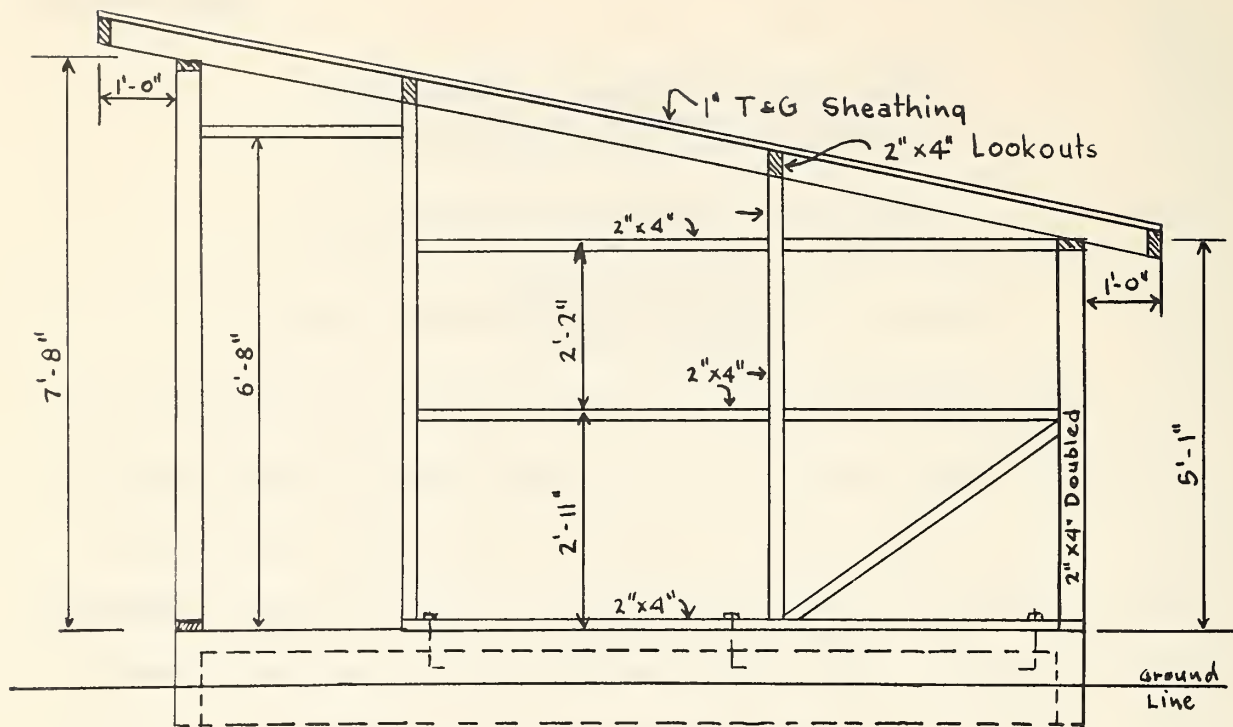
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Detailed plans are shown in the accompanying figures for a brooder house with shutters designed for use in areas with mild climates such as that of the Salt River Valley of Arizona. This brooder house has two wooden shutters on each of three sides and four canvas-covered frames or flaps on the front. This permits operating the house entirely closed during cold weather or almost entirely open in hot weather.

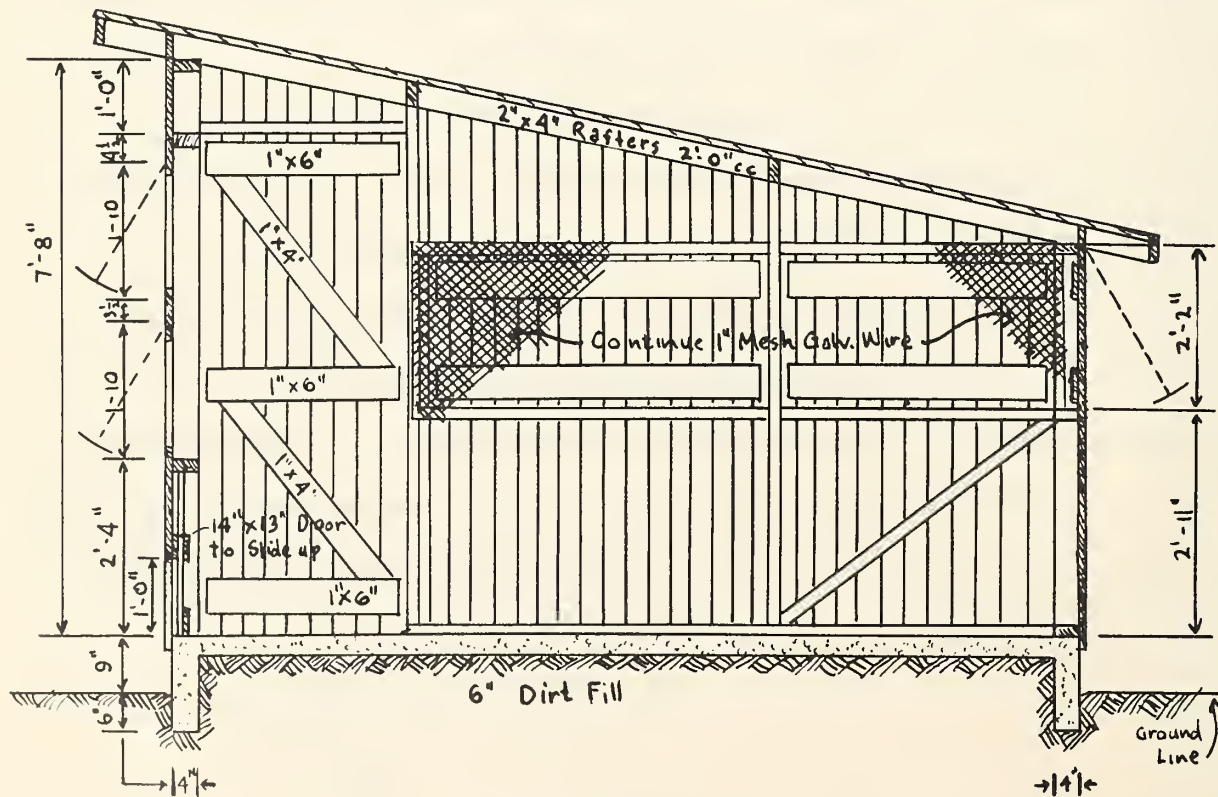
This house, equipped with a 52-inch electric brooder, will accommodate about 300 chickens. If oil is used in place of electric brooding, a stove pipe must be added for the oil brooder.

Brooder houses are often built on runners so that they may be moved easily to a different location, in which case the house must have a wooden floor. In this plan, a concrete floor is used on top of a 6-inch dirt fill to permit irrigating the land around the house without flooding the floor. These plans also show the siding made of 1" x 4" tongue-and-groove boards which make a very tight wall. Cheaper siding, such as wide boards with narrow battens over the cracks, may be used, but the walls must be free of cracks. Corrugated galvanized iron, 28 gauge, is used for roofing.

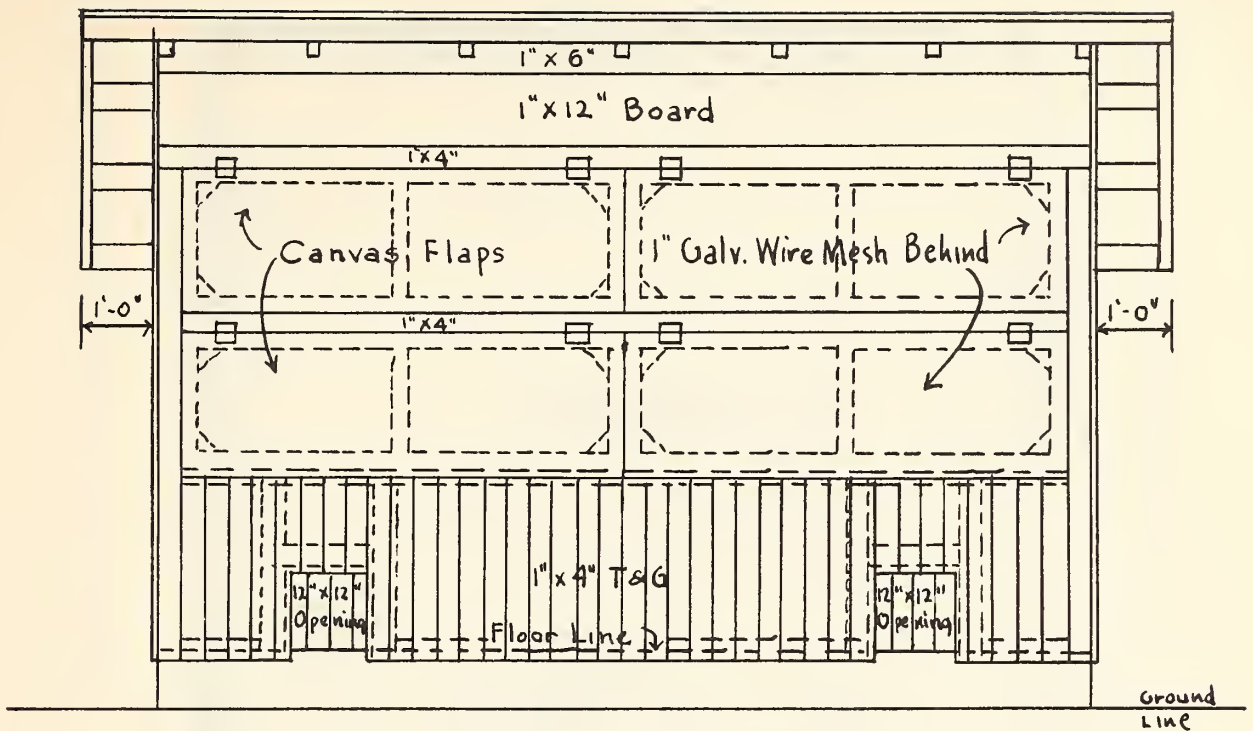




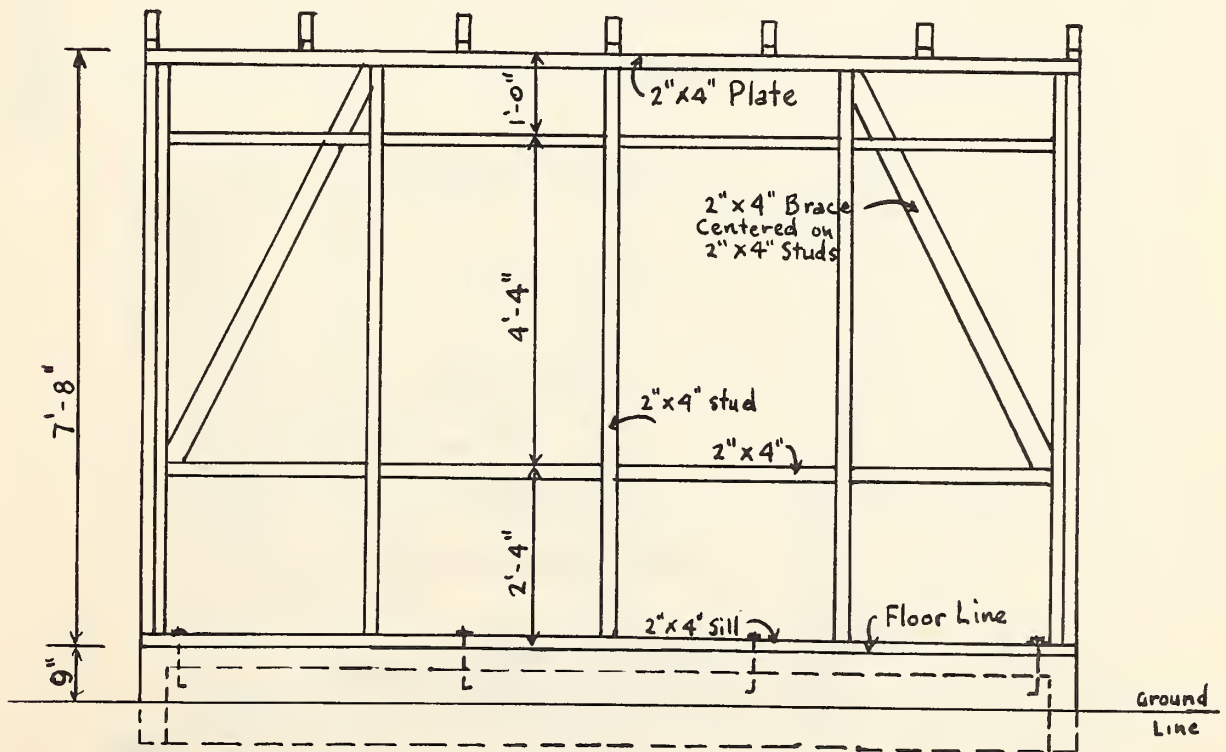
SIDE FRAMING ELEVATION



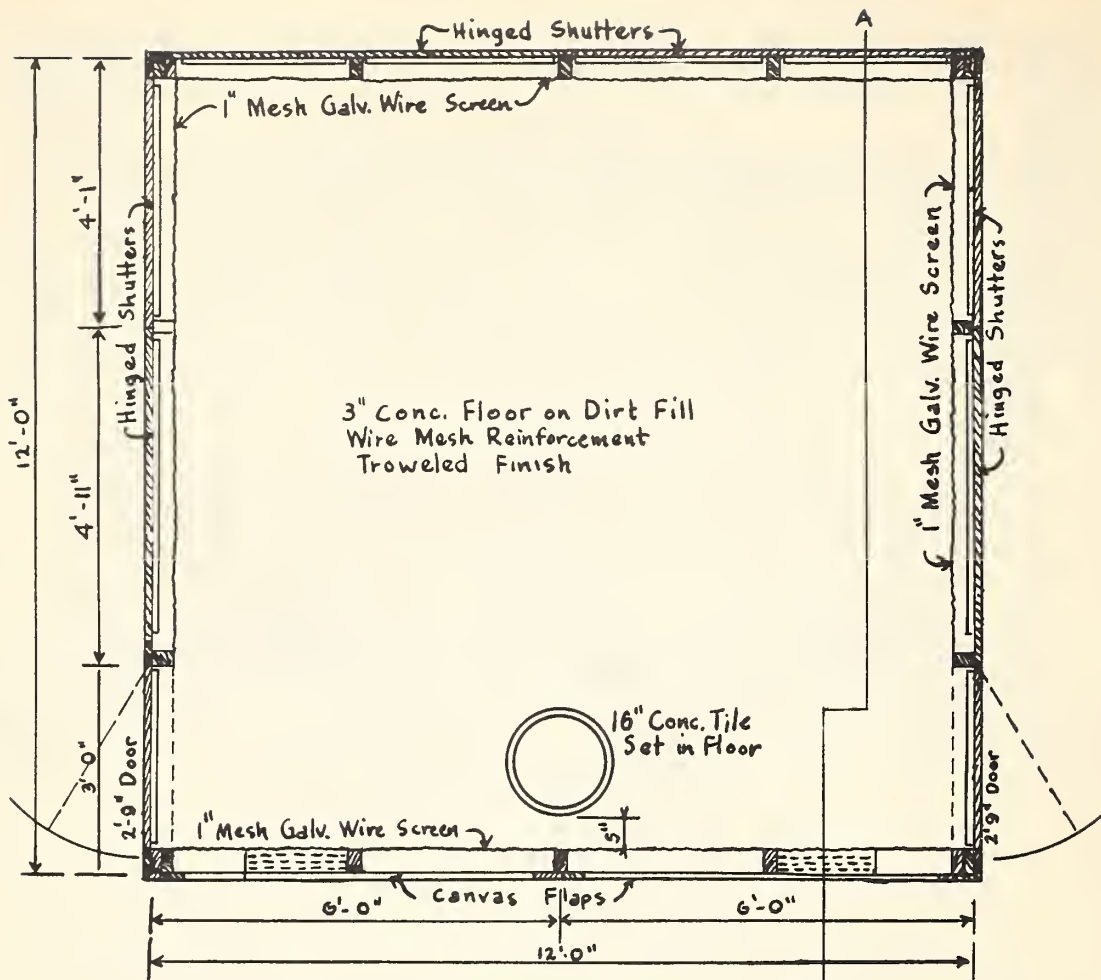
SECTION A-A



FRONT ELEVATION



FRONT FRAMING ELEVATION



FLOOR PLAN

